Title (en)

MULTI-LAYER FILM, AND MULTI-LAYER STRUCTURE IN WHICH SAME IS USED

Title (de)

MEHRSCHICHTFOLIE UND MEHRSCHICHTIGE STRUKTUR DAMIT

Title (fr)

FILM MULTICOUCHE ET STRUCTURE MULTICOUCHE DANS LAQUELLE CELUI-CI EST UTILISÉ

Publication

EP 4173822 A1 20230503 (EN)

Application

EP 21829021 A 20210624

Priority

- JP 2020109761 A 20200625
- JP 2021023968 W 20210624

Abstract (en)

There is provided a multilayer film having a structure in which a layer (X) is an outermost layer and at least the layer (X), a layer (Y), and a layer (Z) are adjacently laminated in sequence, wherein the layer (X) is made of a resin composition (A) comprising a vinyl alcohol polymer (a) having a melting point of lower than 150 °C as a main component; the layer (Y) comprises an adhesive resin (B) having a melting point of lower than 150 °C as a main component; the layer (Z) comprises a polyolefin resin (C) having a melting point of lower than 150 °C as a main component; and the resin composition (A) comprises alkali metal ions (b) in 25 to 1500 ppm. Such a multilayer film is suitably used as a gas barrier film because it has excellent appearance and interlayer adhesiveness even while having a vinyl alcohol polymer as an outermost layer.

IPC 8 full level

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CPC (source: EP US)

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Designated contracting state (EPC)

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